

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001214

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07D487/04 A61K31/519 A61P35/00
 // (C07D487/04, 239:00, 321:00)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
 IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, PAJ, WPI Data, EMBASE, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 06, 4 June 2002 (2002-06-04) -& JP 2002 053466 A (OTSUKA PHARMACEUT FACTORY INC), 19 February 2002 (2002-02-19) abstract ----- EP 0 714 989 A (NIPPON STEEL CORP) 5 June 1996 (1996-06-05) claim 1; examples -----	1-40
X, Y	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09, 31 July 1998 (1998-07-31) -& JP 10 101671 A (OTSUKA PHARMACEUT FACTORY INC), 21 April 1998 (1998-04-21) abstract -----	1-40
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

Date of mailing of the international search report

5 July 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09, 31 July 1998 (1998-07-31) -& JP 10 101672 A (OTSUKA PHARMACEUT FACTORY INC), 21 April 1998 (1998-04-21) abstract -----	1-40
X, Y	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 10, 31 October 1997 (1997-10-31) -& JP 09 169762 A (OTSUKA PHARMACEUT FACTORY INC), 30 June 1997 (1997-06-30) abstract -----	1-40
X, Y	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 01, 31 January 2000 (2000-01-31) -& JP 11 292879 A (OTSUKA PHARMACEUT FACTORY INC), 26 October 1999 (1999-10-26) abstract -----	1-40
X, Y	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 01, 31 January 2000 (2000-01-31) -& JP 11 279178 A (OTSUKA PHARMACEUT FACTORY INC), 12 October 1999 (1999-10-12) abstract -----	1-40
X, Y	MIKI SHINYA ET AL: "Antinociceptive effect of the novel compound OT-7100 in a diabetic neuropathy model" EUROPEAN JOURNAL OF PHARMACOLOGY, vol. 430, no. 2-3, 2 November 2001 (2001-11-02), pages 229-234, XP002286727 ISSN: 0014-2999 abstract -----	1-40
X, Y	PATENT ABSTRACTS OF JAPAN vol. 015, no. 474 (C-0890), 3 December 1991 (1991-12-03) -& JP 03 204877 A (OTSUKA PHARMACEUT FACTORY INC), 6 September 1991 (1991-09-06) abstract -----	1-40
X, Y	EP 0 591 528 A (OTSUKA PHARMA CO LTD) 13 April 1994 (1994-04-13) claim 1; examples -----	1-40
		-/-

INTERNATIONAL SEARCH REPORT

 International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	PATENT ABSTRACTS OF JAPAN vol. 010, no. 219 (C-363), 31 July 1986 (1986-07-31) -& JP 61 057587 A (SHIONOGI & CO LTD), 24 March 1986 (1986-03-24) abstract	1-40
X, Y	----- PATENT ABSTRACTS OF JAPAN vol. 1996, no. 03, 29 March 1996 (1996-03-29) -& JP 07 309872 A (OTSUKA PHARMACEUT FACTORY INC), 28 November 1995 (1995-11-28) abstract	1-40
X, Y	----- PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) -& JP 10 114774 A (OTSUKA PHARMACEUT FACTORY INC), 6 May 1998 (1998-05-06) abstract	1-40
X, Y	----- EP 0 628 559 A (BEIERSDORF LILLY GMBH) 14 December 1994 (1994-12-14) claim 1; examples	1-40
X, Y	----- SHIOTA T ET AL: "SYNTHESIS AND STRUCTURE-ACTIVITY RELATIONSHIP OF A NEW SERIES OF POTENT ANGIOTENSIN II RECEPTOR ANTAGONISTS: PYRAZOLO?,5-A?YRIMIDINE DERIVATIVES" CHEMICAL AND PHARMACEUTICAL BULLETIN, PHARMACEUTICAL SOCIETY OF JAPAN. TOKYO, JP, vol. 47, no. 7, 1999, pages 928-938, XP001156827 ISSN: 0009-2363 tables 2,3	1-40
X, Y	----- KIYAMA RYUICHI ET AL: "Novel angiotensin II receptor antagonists: Design, synthesis, and in vitro evaluation of dibenzo(a,d)cycloheptene and dibenzo(b,f)oxepin derivatives: Searching for bioisosteres of biphenyltetrazole using a three-dimensional search technique" JOURNAL OF MEDICINAL CHEMISTRY, vol. 38, no. 14, 1995, pages 2728-2741, XP002286728 ISSN: 0022-2623 example 40	1-40
	----- -/-	

INTERNATIONAL SEARCH REPORT

International Application No PCT/GB2004/001214	
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	WO 97/29109 A (JANSSEN PHARMACEUTICA NV ; CHEN CHEN (US); WEBB THOMAS R (US); MORAN T) 14 August 1997 (1997-08-14) claim 1; example 8	1-40
X, Y	EP 0 641 781 A (YOSHITOMI PHARMACEUTICAL) 8 March 1995 (1995-03-08) page 27, line 9	1-40
X, Y	NOVINSON T ET AL: "Synthesis and antifungal properties of certain 7-alkylaminopyrazolo(1,5-a)pyrimidines" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 20, no. 2, 1977, pages 296-299, XP002970049 ISSN: 0022-2623 example 25	1-40
A	WO 98/54093 A (HUNGATE RANDALL W ; KENDALL RICHARD L (US); THOMAS KENNETH A JR (US);) 3 December 1998 (1998-12-03) claim 1	1-40
P, X, Y	WO 03/091256 A (SHIONOGI & CO ; NISHI KOICHI (JP); SENO KAORU (JP); FUJISHITA TOSHIO () 6 November 2003 (2003-11-06) page 183	1-40
E	WO 2004/022561 A (SCHERING CORP ; PHARMACOPEIA INC (US)) 18 March 2004 (2004-03-18) claim 1; examples	1-40
E	WO 2004/026299 A (BROTCHIE JONATHAN ; SILVERDALE MONTAGUE (GB); CROSSMAN ALAN (GB); HILL) 1 April 2004 (2004-04-01) claim 1; examples	1-40
E	WO 2004/022559 A (SCHERING CORP ; PHARMACOPEIA INC (US)) 18 March 2004 (2004-03-18) claim 1; examples	1-40

INTERNATIONAL SEARCH REPORT

 International Application No
PCT/GB2004/001214

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
JP 2002053466	A	19-02-2002	NONE			
EP 0714989	A	05-06-1996	JP JP JP JP JP JP JP JP JP JP JP AU AU BR CA DE DE EP KR US CN ES WO	2958842 B2 7018319 A 2896838 B2 7179922 A 2958848 B2 7179921 A 3239197 B2 7070626 A 680268 B2 7083194 A 9406985 A 2166097 A1 69423630 D1 69423630 T2 0714989 A1 159180 B1 5868817 A 1128050 A , B 2143547 T3 9501458 A1	B2 A B2 A B2 A B2 A B2 A A B2 A A D1 T2 A1 B1 A , B T3 A1	06-10-1999 20-01-1995 31-05-1999 18-07-1995 06-10-1999 18-07-1995 17-12-2001 14-03-1995 24-07-1997 24-01-1995 05-03-1996 12-01-1995 27-04-2000 09-11-2000 05-06-1996 15-01-1999 09-02-1999 31-07-1996 16-05-2000 12-01-1995
JP 10101671	A	21-04-1998	NONE			
JP 10101672	A	21-04-1998	NONE			
JP 09169762	A	30-06-1997	JP	3479708 B2		15-12-2003
JP 11292879	A	26-10-1999	NONE			
JP 11279178	A	12-10-1999	NONE			
JP 03204877	A	06-09-1991	JP	2585462 B2		26-02-1997
EP 0591528	A	13-04-1994	AT AU AU CA DE DE DK EP ES JP WO KR US	174917 T 651986 B2 8295891 A 2107479 A1 69130683 D1 69130683 T2 591528 T3 0591528 A1 2126573 T3 5070353 A 9218504 A1 191774 B1 5688949 A	T B2 A A1 D1 T2 T3 A1 T3 A A1 B1 A	15-01-1999 11-08-1994 17-11-1992 23-10-1992 04-02-1999 06-05-1999 23-08-1999 13-04-1994 01-04-1999 23-03-1993 29-10-1992 15-06-1999 18-11-1997
JP 61057587	A	24-03-1986	NONE			
JP 07309872	A	28-11-1995	NONE			
JP 10114774	A	06-05-1998	NONE			
EP 0628559	A	14-12-1994	EP CA DE	0628559 A1 2125458 A1 69430279 D1	A1 A1 D1	14-12-1994 11-12-1994 08-05-2002

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001214

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0628559	A	DE 69430279 T2 ES 2174863 T3 JP 7002860 A US 5571813 A US 5602136 A US 5602137 A	06-03-2003 16-11-2002 06-01-1995 05-11-1996 11-02-1997 11-02-1997
WO 9729109	A 14-08-1997	AU 713673 B2 AU 1599197 A BG 102349 A BR 9707391 A CA 2233285 A1 CN 1205009 A , B CZ 9802445 A3 DE 880523 T1 EA 980394 A1 EE 9800124 A WO 9729109 A1 EP 0880523 A1 ES 2168237 T1 HU 9900575 A2 ID 15905 A JP 3356291 B2 JP 2000503661 T JP 2002121194 A NO 981357 A NZ 330119 A PL 327284 A1 SK 106398 A3 TR 9800792 T2 TW 449599 B US 2003125341 A1 ZA 9700989 A US 2003075941 A1	09-12-1999 28-08-1997 26-02-1999 20-07-1999 14-08-1997 13-01-1999 14-10-1998 04-07-2002 29-10-1998 15-10-1998 14-08-1997 02-12-1998 16-06-2002 28-06-1999 14-08-1997 16-12-2002 28-03-2000 23-04-2002 03-08-1998 28-02-2000 07-12-1998 02-12-1998 21-07-1998 11-08-2001 03-07-2003 06-08-1998 24-04-2003
EP 0641781	A 08-03-1995	AT 194977 T DE 69231297 D1 DE 69231297 T2 DK 641781 T3 EP 0641781 A1 GR 3034633 T3 KR 133372 B1 US 5478838 A CA 2117096 A1 ES 2148179 T3 WO 9305021 A1 JP 3275389 B2 JP 5194401 A JP 3265695 B2 JP 6041080 A	15-08-2000 31-08-2000 23-11-2000 18-09-2000 08-03-1995 31-01-2001 23-04-1998 26-12-1995 18-03-1993 16-10-2000 18-03-1993 15-04-2002 03-08-1993 11-03-2002 15-02-1994
WO 9854093	A 03-12-1998	AU 734009 B2 AU 7594498 A CA 2291709 A1 EP 0984692 A1 JP 2002501532 T WO 9854093 A1 US 6380203 B1	31-05-2001 30-12-1998 03-12-1998 15-03-2000 15-01-2002 03-12-1998 30-04-2002

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001214

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 9854093	A	US	6235741 B1	22-05-2001
WO 03091256	A	06-11-2003	WO 03091256 A1	06-11-2003
WO 2004022561	A	18-03-2004	WO 2004022561 A1	18-03-2004
WO 2004026299	A	01-04-2004	WO 2004026299 A1	01-04-2004
WO 2004022559	A	18-03-2004	WO 2004022559 A1	18-03-2004
		US	2004102451 A1	27-05-2004